WEATHER SATELLITE RECEIVER

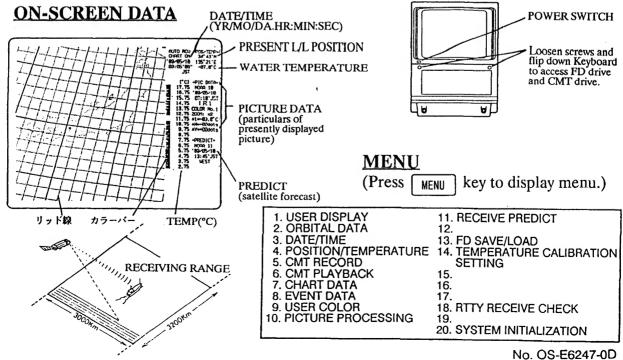
SU-18

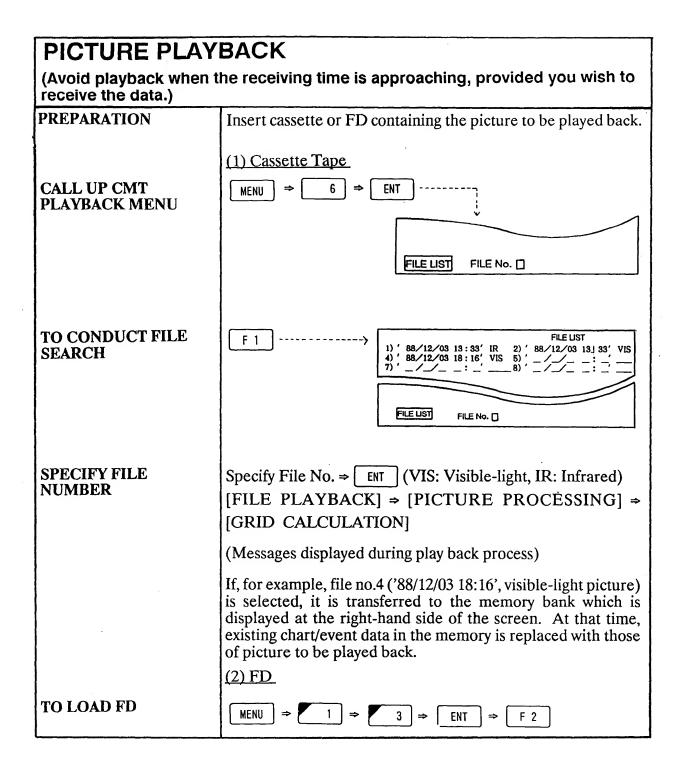
FLOPPY DISK VER. NO. 085-0122-016

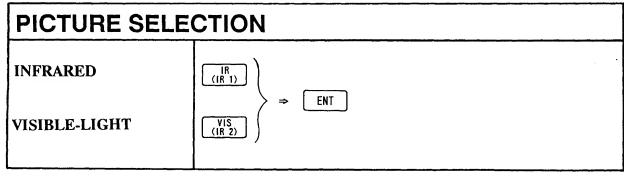
OPERATOR'S GUIDE

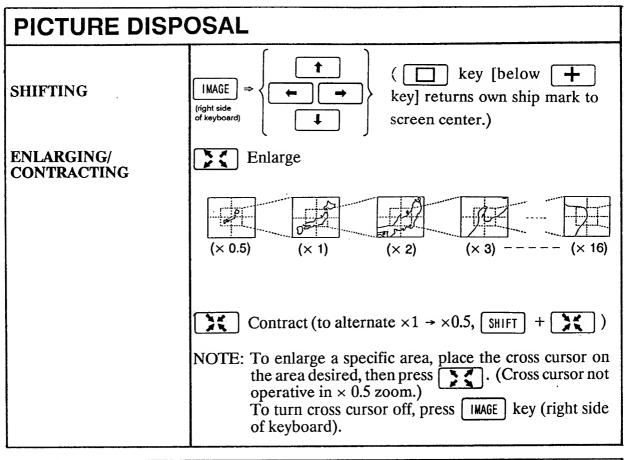
BASIC OPERATING PROCEDURE
INSERT FD (Floppy Disk)
behind Keyboard (See below.)
POWER ON
SYSTEM INITIALIZATION
(Operating Mode Confirmation) . P.2
(*) ORBITAL DATA CONFIRMATION
CONFIRMATION P.3
(+) DATE/TIME
(*) DATE/TIME CONFIRMATION
(*) L/L POS & WATER TEMP
CONFIRMATION P.6
RECEIVING P.7
(in auto rec)
GRID CALIBRATION P.9
TEMP CALIBRATION P.9
PECOPPUS
RECORDING P.11
(in auto rec) PLAYBACK P.13
(*) Confirmation necessary to receive picture properly.
I tare proporty.

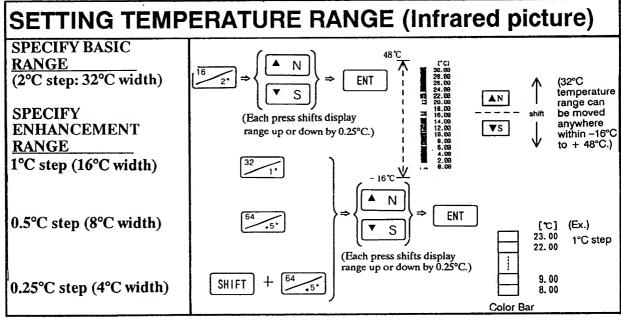
DATA ANALYSIS
PICTURE SELECTION
PICTURE DISPOSAL
SETTING TEMPERATURE RANGEP.14
COLOR BAR SELECTIONP.15
PICTURE PROCESSING (INT. REJ/TEMP. CONTOUR)P.17
AUTO PRINT MODE SETTING
CHANGING PICTURE DISPLAY MODE
OTHER FUNCTIONS
OTHER FUNCTIONS PLOTTING CHART/EVENT DATAP.20
PLOTTING CHART/EVENT
PLOTTING CHART/EVENTP.20 SAVING/LOADING
PLOTTING CHART/EVENT DATA P.20 SAVING/LOADING CHART DATA P.21 READING WATER TEMP & L/L DATA
PLOTTING CHART/EVENT DATAP.20 SAVING/LOADING CHART DATAP.21 READING WATER TEMP & L/L DATA OF CURSOR POSP.21 ERASING ALL CMT DATA

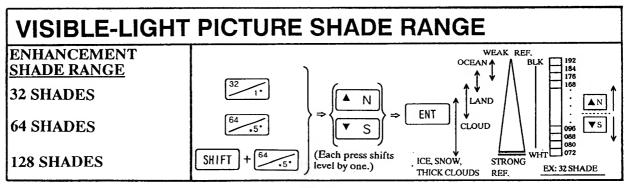


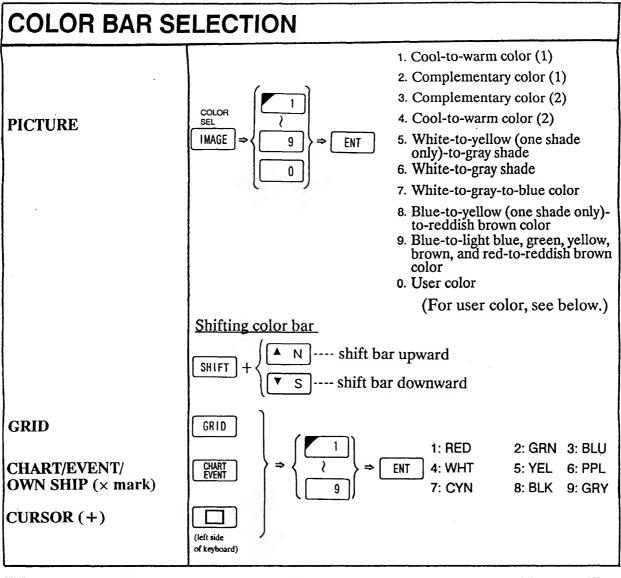


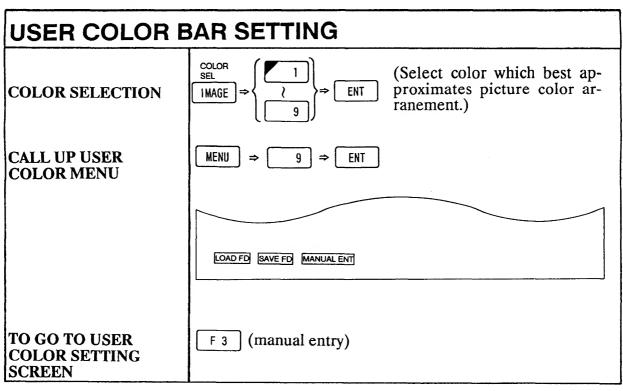


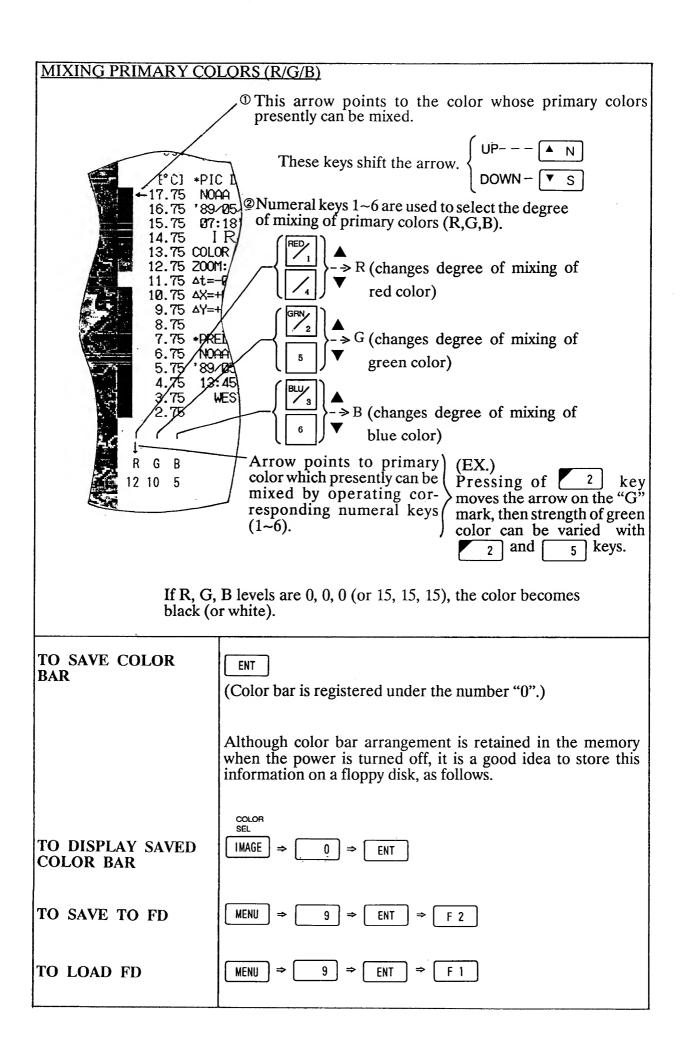


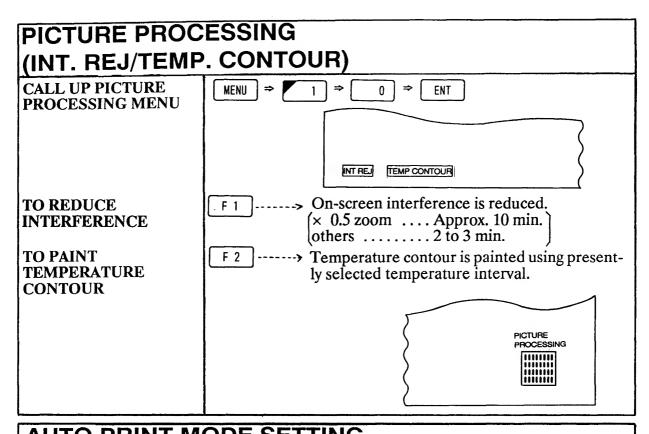


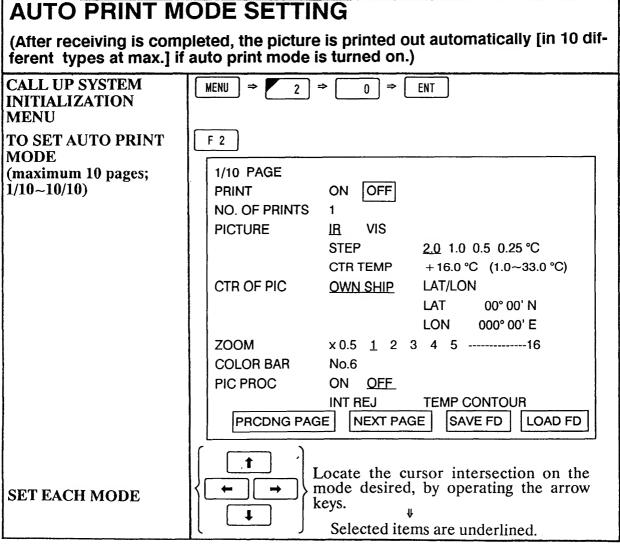


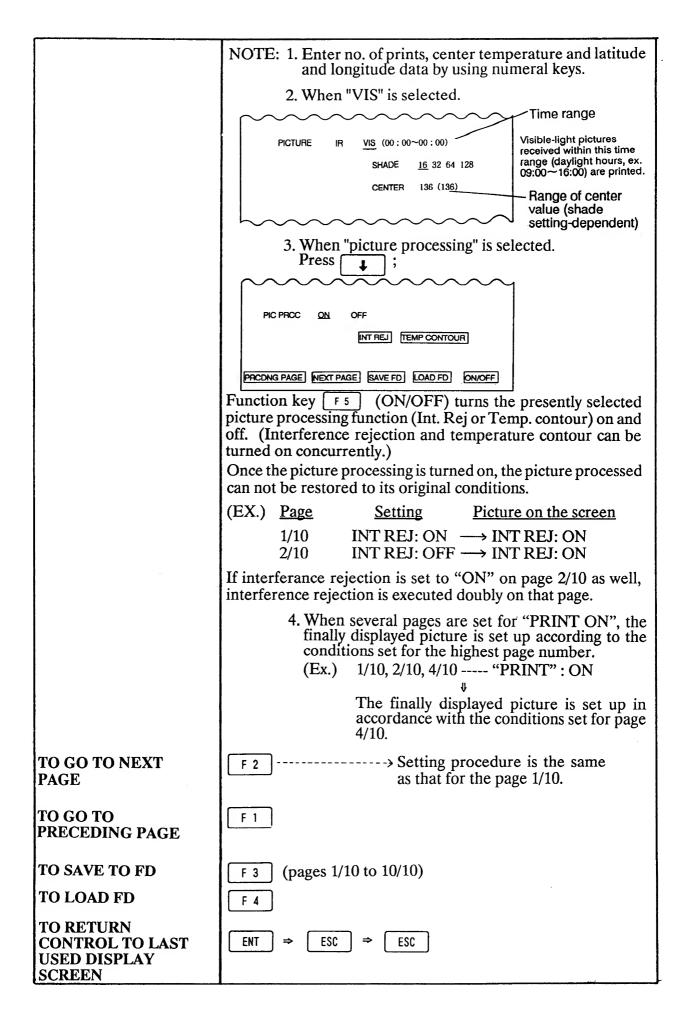


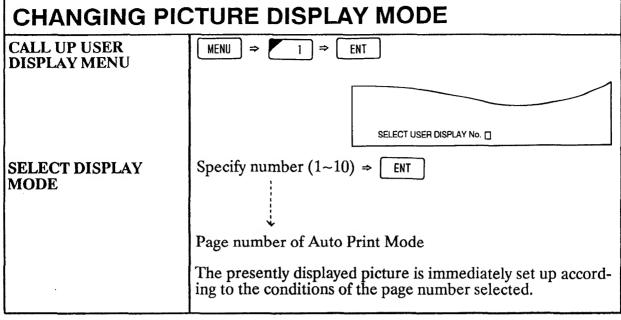


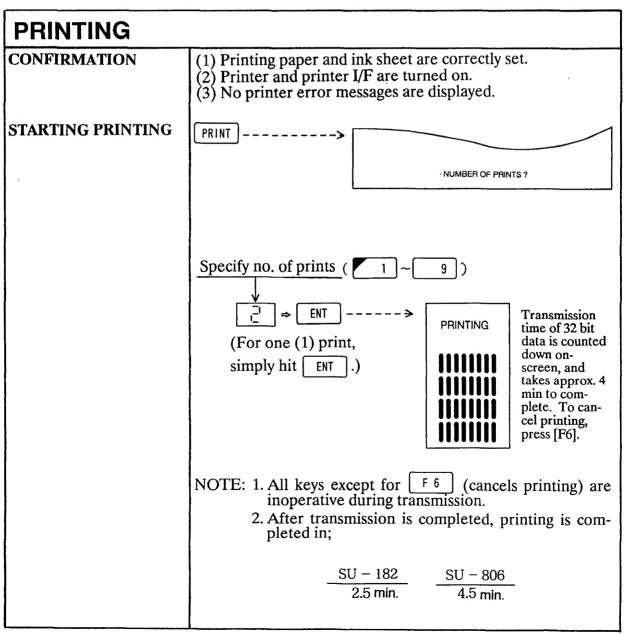


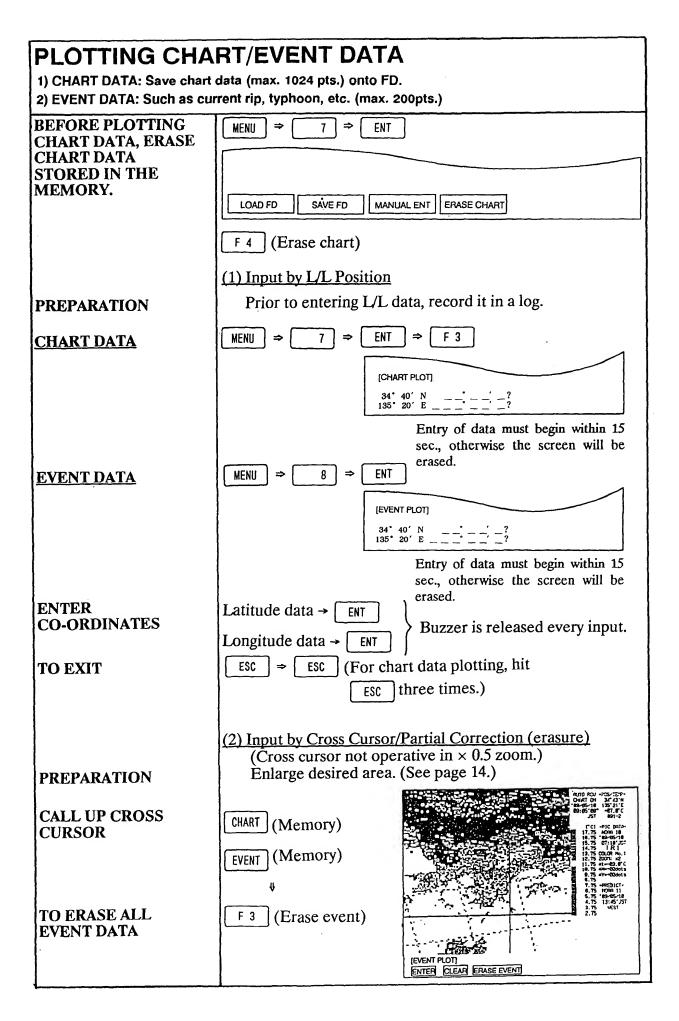










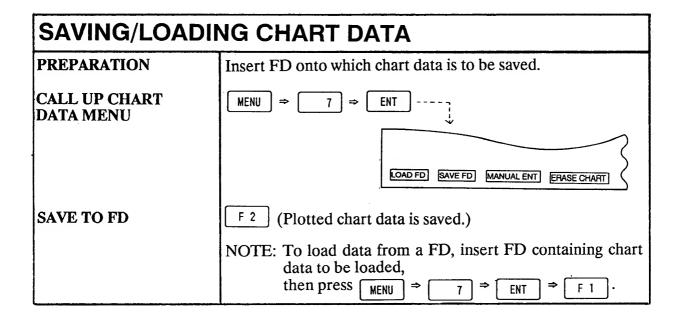


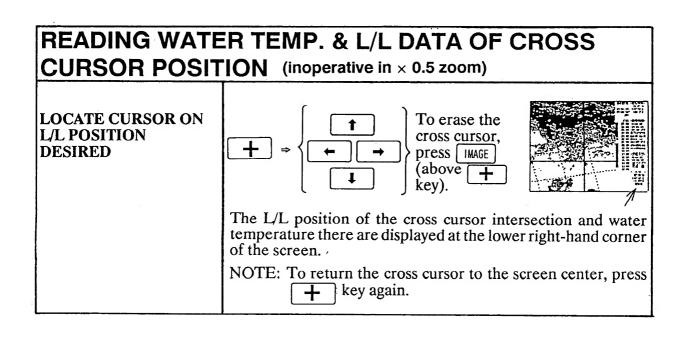
INPUT Locate the cross cursor on the desired L/L pos. ----> F 1

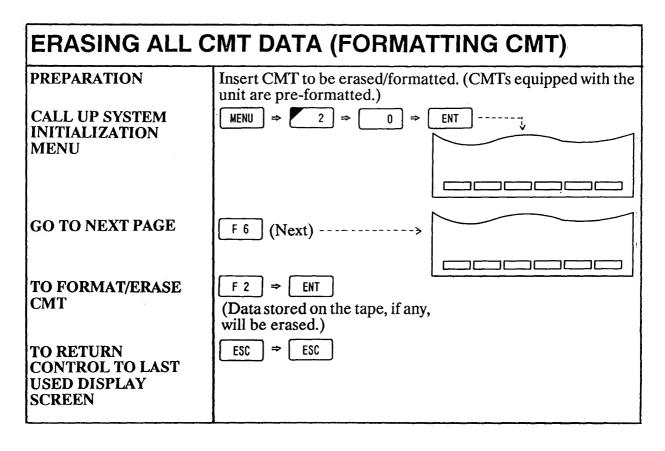
Locate the cross cursor on the desired L/L pos. ----> F 2

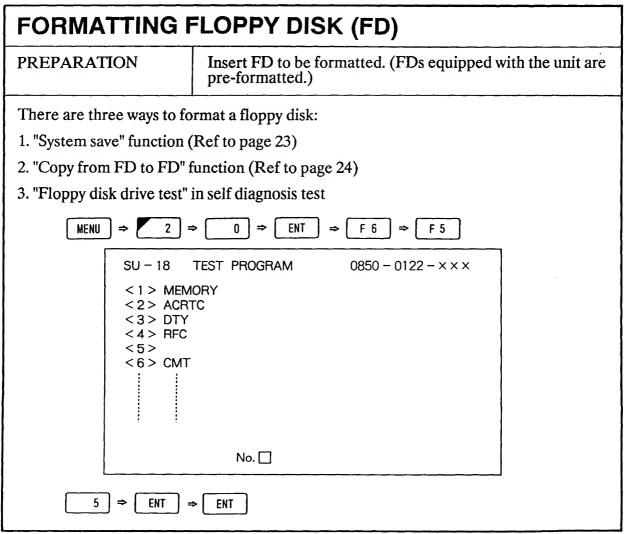
TO EXIT

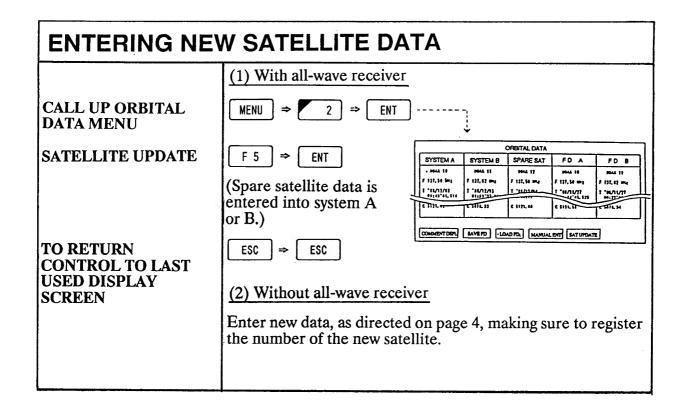
ESC

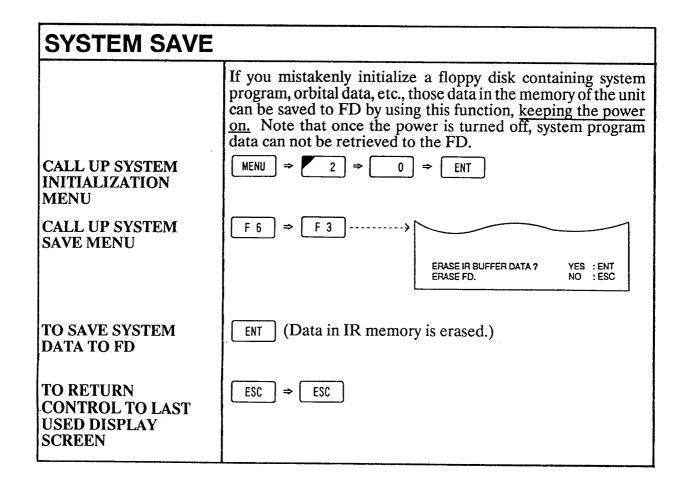


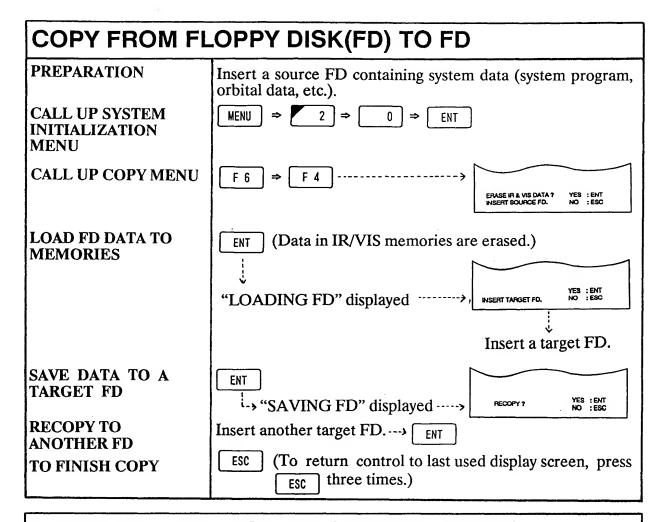












TEMPERATURE DISPLAY (Infrared picture)

This unit displays temperature colors from -16°C to +48°C. Temperature display within above range is as follows.

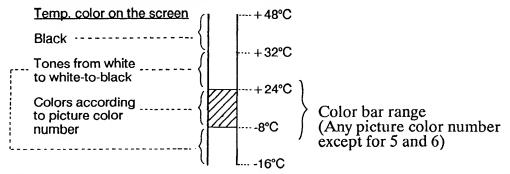
 $\begin{cases} -16^{\circ}\text{C to } +32^{\circ}\text{C} \end{cases}$: Tones from white to white-to-black

 $\downarrow +32^{\circ}\text{C to } +48^{\circ}\text{C}$: Black

NOTE: Temperatures lower than -16°C and higher than +48°C are displayed in white and black, respectively.

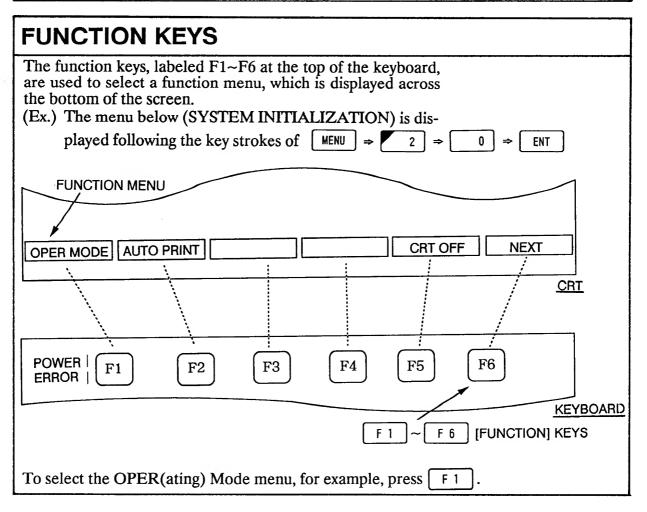
However, when a color bar range (16 colored gradation) is selected, the selected range is displayed in colors according to the picture color number and the other ranges (outside the range of the color bar) are shown in tones and black as mentioned above.

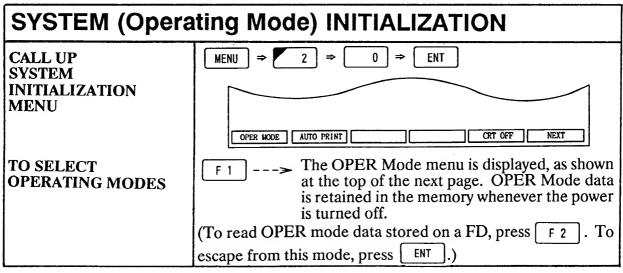
(EX.) In case that color bar range is -8° C to $+24^{\circ}$ C.



NOTE: Only when picture color number 5 or 6 is selected, temperatures outside the range of the color bar are shown in black and white (not tones).

Press ENT after each line of data entered. Press ENT to retain presently used data. To clear incorrect data, press C -----> Entire line of data is erased. (Note however that if the cursor is at the head of a line of data when this key pressed the preceding line is erased.)





	DATE/TIME JSI UTC (time standard)
	DATE/TIME READ AUTO MAN (AUTO: SATNAV/GPS required)
	TEMPERATURE READ <u>AUTO</u> MAN (AUTO: temp. indicator required)
	L/L POSITION READ <u>AUTO</u> MAN (AUTO: Navigation aid required)
A	NAVIGATION LORAN A LORAN C DECCA DR OMEGA <u>SATNAY</u> GPS
	RECEIVING MODE AUTO MAN (after power is applied satellite forecast calculation is initiated)
	AUTO TEMP CALIB ON OFF (automatic temperature calibration for each satellite. Compensation value is set on MENU "14".)
	AUTO IR ON OFF (automatic recording after picture is CMT REC VIS ON OFF) completely received)
	(00:00-00:00) (time range for automatic visible-light picture recording)
	RTTY SHIFT WIDTH 850 425 SHIFT MODE NOR REV (receiving mode of internal teletype) BAUD RATE 50 75
	AUTO CHART DISPLAY ON OFF (chart is automatically displayed after picture is completely received)
	SAVE FD LOAD FD (Saving data to FD/loading data from FD for all modes above)
SET EACH MODE (from "date/time" to "auto chart display")	Locate the cursor on the mode desired, by operating the arrow keys. The selected mode is underlined.
TO SAVE DATA TO FD	F 1 (takes approx. 10 sec.)
TO REGISTER	(Press to register selections and escape from OPER
SELECTIONS	mode.)
	(After ENT is pressed, satellite forecast, which takes several
	seconds to complete, commences if the automatic receiving
	mode is selected.)
TO RETURN	
CONTROL TO LAST	ESC ⇒ ESC (TWICE)
USED DISPLAY SCREEN	

